

RECEIVED  
CENTRAL FAX CENTER

MAR 30 2006

D/S/97 (08-04)  
Approved for use through 07/31/2008. OMB 0651-0031

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FAX TRANSMISSION****DATE:** March 30, 2006**PTO IDENTIFIER:** Application Number 10/520,506-Conf. #2647  
Patent Number**Inventor:** Craig A. Townsend et al.**MESSAGE TO:** US Patent and Trademark Office--Attn: OIPE**FAX NUMBER:** (571) 273-8900**FROM:** COVINGTON & BURLING

N. Whitney Wilson

**PHONE:** (202) 662-6000**Attorney Dkt. #:** 029869.00001-US01**PAGES (Including Cover Sheet):** 13**CONTENTS:** Transmittal Letter (in duplicate);  
Request for Corrected Filing Receipt;  
Copy of the marked-up Filing Receipt reflecting correction for the Power of Attorney;  
Copy of the Power of Attorney and Correspondence Address Indication Forms filed on  
November 1, 2005; and  
Certificate of Transmission (1 page)

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (202) 662-6000 and send the original transmission to us by return mail at the address below.

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.

**COVINGTON & BURLING**1201 Pennsylvania Avenue, N.W., Washington, DC 20004-2401  
Telephone: (202) 662-6000 Facsimile: (202) 662-6291

RECEIVED  
CENTRAL FAX CENTER  
MAR 30 2006

Docket No.: 029869.00001-US01  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Craig A. Townsend et al.

Application No.: 10/520,506

Group Art Unit: 1614

Filed: January 7, 2005

Examiner: M. Graffeo

For: Methods of Treating Microbial Infections in  
Humans and Animals

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are the following items for filing in connection with the above-referenced Patent Application:

1. Request for Corrected Filing Receipt;
2. Copy of the marked-up Filing Receipt reflecting correction for the Power of Attorney;
3. Copy of the Power of Attorney and Correspondence Address Indication Form filed on November 1, 2005; and
4. Certificate of Transmission under 37 CFR 1.8.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0740, under Docket No. 029869.00001-US01. A duplicate copy of this paper is enclosed.

DC: 2093893-1

Application No.: 10/520,506

2

Docket No.: 029869.00001-US01

It is not believed that extensions of time fees are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor are hereby authorized to be charged to our Deposit Account No. 50-0740.

Dated: March 30, 2006

Respectfully submitted,

By 

N. Whitney Wilson

Registration No.: 38,661

COVINGTON &amp; BURLING

1201 Pennsylvania Avenue, N.W.

Washington, DC 20004-2401

(202) 662-6000

Attorney for Applicant

RECEIVED  
CENTRAL FAX CENTER  
MAR 30 2006

Docket No.: 029869.00001-US01  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Craig A. Townsend et al.

Application No.: 10/520,506

Group Art Unit: 1614

Filed: January 7, 2005

Examiner: M. Graffeo

For: Methods of Treating Microbial Infections in  
Humans and Animals

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are the following items for filing in connection with the above-referenced  
Patent Application:

1. Request for Corrected Filing Receipt;
2. Copy of the marked-up Filing Receipt reflecting correction for the Power of Attorney;
3. Copy of the Power of Attorney and Correspondence Address Indication Form filed on November 1, 2005; and
4. Certificate of Transmission under 37 CFR 1.8.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0740, under Docket No. 029869.00001-US01. A duplicate copy of this paper is enclosed.

DC: 2093893-1

Application No.: 10/520,506

2

Docket No.: 029869.00001-US01

It is not believed that extensions of time fees are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor are hereby authorized to be charged to our Deposit Account No. 50-0740.

Dated: March 30, 2006

Respectfully submitted,

By 

N. Whitney Wilson

Registration No.: 38,661

COVINGTON &amp; BURLING

1201 Pennsylvania Avenue, N.W.

Washington, DC 20004-2401

(202) 662-6000

Attorney for Applicant

RECEIVED  
CENTRAL FAX CENTER

MAR 30 2006

Docket No.: 029869.00001-US01  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Craig A. Townsend et al.

Application No.: 10/520,506

Confirmation No.: 2647

Filed: January 7, 2005

Art Unit: 1614

For: Methods of Treating Microbial Infections in  
Humans and Animals

Examiner: M. Graffeo

**REQUEST FOR CORRECTED FILING RECEIPT**

Office of Initial Patent Examination  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant hereby requests that a corrected Filing Receipt be issued in the above-identified patent application. The official Filing Receipt received by Applicant, a copy of which is attached hereto, has the following error:

In the Section under Power of Attorney, please correct the power of attorney to read as follows:

~~N Wilson-38661~~ to The patent practitioners associated with Customer No. 26853.

The new power of attorney information reflects the information provided on the Power of Attorney and Correspondence Address Indication Form documents filed in the U.S. Patent and Trademark Office on November 1, 2005 (copy attached).

Application No.: 10/520,506

2

Docket No.: 029869.00001-US01

Applicant additionally requests that all pertinent U.S. Patent and Trademark Office records relating to the subject application be changed to reflect this correction.

Dated: March 30, 2006

Respectfully submitted,

By 

N. Whitney Wilson

Registration No.: 38,661

COVINGTON & BURLING

1201 Pennsylvania Avenue, N.W.

Washington, DC 20004-2401

(202) 662-6000

Attorney for Applicant



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/520,506	11/01/2005	1614	540	029869.00001-UA01	7	27	2

CONFIRMATION NO. 2647

26853

COVINGTON & BURLING  
ATTN: PATENT DOCKETING  
1201 PENNSYLVANIA AVENUE, N.W.  
WASHINGTON, DC 20004-2401

## FILING RECEIPT

10/520506 11/01/2005 1614 540 029869.00001-UA01 7 27 2  
"OC000000018168358"

Date Mailed: 03/02/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Craig A. Townsend, Baltimore, MD;  
James D. Dick, Baltimore, MD;  
Nicole M. Parrish, Ellicott City, MD;  
Minerva Amorette Hughes, Baltimore, MD;

## Power of Attorney:

~~N. Wilson 38664~~ Customer No.: 26853

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US03/21469 07/09/2003  
which claims benefit of 60/394,573 07/09/2002

## Foreign Applications

Projected Publication Date: 06/08/2006

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*



**Title**

Methods of treating microbial infections in humans and animals

**Preliminary Class**

514

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

---

**LICENSE FOR FOREIGN FILING UNDER**  
**Title 35, United States Code, Section 184**  
**Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

RECEIVED  
CENTRAL FAX CENTER

MAR 30 2006

PTO/SB/81 (11-04)

Approved for use through 11/30/2005. OMB 0851-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM</b>	Application Number	10/520,506-Conf. #2647		
	Filing Date	January 7, 2005		
	First Named Inventor	Craig A. Townsend		
	Title	Methods of Treating Microbial Infections in Humans and Animals		
	Art Unit	Not Yet Assigned		
	Examiner Name	Not Yet Assigned		
	Attorney Docket No.	029869.00001-US01		
I hereby revoke all previous powers of attorney given in the above-identified application.				
I hereby appoint:				
<input checked="" type="checkbox"/> Practitioners associated with the Customer Number: <span style="border: 1px solid black; padding: 0 20px;">26853</span>				
OR				
<input type="checkbox"/> Practitioner(s) named below:				
Name		Registration Number	Name	Registration Number
as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.				
Please recognize or change the correspondence address for the above-identified application to:				
<input type="checkbox"/> The address associated with the above-mentioned Customer Number:				
OR				
<input type="checkbox"/> The address associated with Customer Number: <span style="border: 1px solid black; padding: 0 20px;"></span>				
OR				
<input type="checkbox"/> Firm or Individual Name: <span style="border: 1px solid black; padding: 0 20px;">COVINGTON &amp; BURLING</span>				
Address: <span style="border: 1px solid black; padding: 0 20px;">1201 Pennsylvania Avenue, NW</span>				
City: <span style="border: 1px solid black; padding: 0 20px;">Washington</span>		State: <span style="border: 1px solid black; padding: 0 20px;">D.C.</span>	Zip: <span style="border: 1px solid black; padding: 0 20px;">20004-2401</span>	
Country: <span style="border: 1px solid black; padding: 0 20px;">USA</span>		Telephone: <span style="border: 1px solid black; padding: 0 20px;">202.662.6000</span>	Email: <span style="border: 1px solid black; padding: 0 20px;"></span>	
I am the:				
<input type="checkbox"/> Applicant/Inventor.				
<input checked="" type="checkbox"/> Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)				
SIGNATURE of Applicant or Assignee of Record				
Signature: <span style="border: 1px solid black; padding: 0 20px;"><i>Albert H. Owens, Jr.</i></span>		Date: <span style="border: 1px solid black; padding: 0 20px;">9.20.05</span>		
Name: <span style="border: 1px solid black; padding: 0 20px;">Dr. Albert Owens, Jr.</span>		Telephone: <span style="border: 1px solid black; padding: 0 20px;"></span>		
Title and Company: <span style="border: 1px solid black; padding: 0 20px;">President, FASgen, LLC</span>				
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.				
<input type="checkbox"/> Total of <span style="border: 1px solid black; padding: 0 20px;">1</span> forms are submitted.				


RECEIVED  
CENTRAL FAX CENTER

MAR 30 2006

PTO/BA/1 (11-04)

Approved for use through 11/02/2005. OMB 0651-0035  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM</b>	Application Number	10/520,606-Conf. #2647										
	Filing Date	January 7, 2005										
	First Named Inventor	Craig A. Townsend										
	Title	Methods of Treating Microbial Infections in Humans and Animals										
	Art Unit	Not Yet Assigned										
	Examiner Name	Not Yet Assigned										
	Attorney Docket No.	029868.00001-US01										
I hereby revoke all previous powers of attorney given in the above-identified application. I hereby appoint:												
<input checked="" type="checkbox"/> Practitioners associated with the Customer Number: <span style="border: 1px solid black; padding: 2px;">26863</span> OR <input type="checkbox"/> Practitioner(s) named below:												
<table border="1" style="width: 100%;"> <thead> <tr> <th>Name</th> <th>Registration Number</th> <th>Name</th> <th>Registration Number</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>					Name	Registration Number	Name	Registration Number				
Name	Registration Number	Name	Registration Number									
as my/our attorney(s) or agent(s) to prosecute the application identified above, and to contact all business in the United States Patent and Trademark Office connected therewith.												
Please recognize or change the correspondence address for the above-identified application to:												
<input type="checkbox"/> The address associated with the above-mentioned Customer Number. OR <input type="checkbox"/> The address associated with Customer Number: <span style="border: 1px solid black; padding: 2px;"> </span> OR												
<input type="checkbox"/> Firm or Individual Name: <b>COVINGTON &amp; BURLING</b>												
Address: <b>1201 Pennsylvania Avenue, NW</b>												
City: <b>Washington</b>		State: <b>D.C.</b>	Zip: <b>20004-2401</b>									
Country: <b>USA</b>		Telephone: <b>202.662.6000</b>	Email: <b> </b>									
I am the:												
<input type="checkbox"/> Applicant/Inventor. <input checked="" type="checkbox"/> Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/98)												
SIGNATURE of Applicant or Assignee of Record												
Signature: 		Date: <b>10/21/05</b>										
Name: <b>R. Keith Baker, Ph.D., MBA</b>		Telephone: <b>410-516-4563</b>										
Title and Company: <b>Senior Director, Johns Hopkins University</b>												
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.												
<input type="checkbox"/> Total of <b>1</b> forms are submitted.												

RECEIVED  
CENTRAL FAX CENTER

MAR 30 2006

PTO/SB/87 (09-04)

Approved for use through 07/31/2008. OMB 0651-0031

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application No. (If known): 10/520,506

Attorney Docket No.: 029889.00001-US01

**Certificate of Transmission under 37 CFR 1.8**

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office.

on March 30, 2006  
Date



Signature

N. Whitney Wilson

Typed or printed name of person signing Certificate

38,661

Registration Number, if applicable

(202) 662-6000

Telephone Number

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Transmittal Letter (In duplicate)

Request for Corrected Filing Receipt;

Copy of the marked-up Filing Receipt reflecting correction for the Power of Attorney; and

Copy of the Power of Attorney and Correspondence Address Indication

Forms filed on November 1, 2005